



VKM SÖNMEZLER
NAKLİYE ENERJİ SAN. VE DİŞ TİC. LTD. ŞTİ.

VKM SÖNMEZLER CHARCOAL

MATERIAL SAFETY DATA SHEET MSDS

PUBLICATION DATE 20/02/14

This Safety Data Sheet and the Statement of Principles of Preparation (11/03/2002-24692) 27092 No. 91/155/EEC dated 12.26.2008 has been prepared and issued by the Ministry of Environment and Forest

SECTION 1 - CHEMICAL / PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : VKM SÖNMEZLER CHARCOAL
APPLICATION AREA : CHARCOAL
COMPANY : VKM SÖNMEZLER MADENCİLİK İNŞAAT NAKLİYE
ENERJİ SAN.VE DİŞ TİC.LTD.ŞTİ.
ADDRESS : PİRİNÇÇİ KÖYÜ MAH. ESKİ EDİRNE ASFALTI
NO:96 EYÜP İSTANBUL
TEL : 0212 595 15 60

SECTION 2 - HAZARDS IDENTIFICATION:

RISK INDICATOR	
R22	Harmful if swallowed.
R 48/22	Causes serious health effects of prolonged exposure if swallowed.
R41	Cause serious damage to the eyes.
GÜVENLİK GÖSTERGESİ	
S 64	Rinse mouth with plenty of water
S 1/2	Keep out of reach of children
S28	In case of contact with skin, rinse immediately with plenty of water
S26	In case of contact with eyes, rinse immediately with plenty of water and

TSE SERTİFİKALI
G.B.F. HAZIRLAYICISI
HANDAN KAVI
DİP.NÖ. 2.B.13.2712



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	seek medical advice.
S45	In case of accident if you feel unwell, seek medical advice immediately.

POTENTIAL HEALTH EFFECTS:

EYE :If splashing in the eyes may cause temporary irritation. Eye redness or watering can.



SKIN : Mild and transient in case of prolonged contact may cause irritation



INHALATION :Temporary may cause slight irritation of the respiratory tract. Do not breathe vapors to concentrate for a long time

INGESTION : If swallowed in large quantities sore throat, nausea, headache, and possibly serious cases can cause loss of consciousness

Systemic and Other Effects: N/A

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SECTION 3 COMPOSITION & INFORMATION ON INGREDIENTS

COMPOSITE MATERIAL OR	CAS NO	EC NO	w / w% (g)
CARBON	7440-44-0	231-153-3	55-75
HYDROGEN	1333-74-0	215-605-7	1-5
SULPHUR	7704-34-9	231-722-6	0,01-0,07
OXYGEN	7782-44-7	231-956-9	0,5-0,7
NITROGEN	7727-37-9	231-783-9	0,5-1

SECTION 4 - FIRST AID MEASURES

EYE: Wash immediately with plenty of water for 15-20 minutes, keeping eyelids open. Consult a doctor immediately if a disturbing development.

SKIN: Use of the product should be stopped. Apply a cold compress to the affected areas to relieve any discomfort. If discomfort persists, consult a physician.

İNHALANTİON: Respiratory irritation occurs, remove person to fresh air immediately

SECTION 5 - FIRE PRECAUTIONS

Unsuitable Extinguishing Agent / Method: None.

Arising from the combustion Hazardous Substances: None.

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Fire Fighting Protective Equipment: Fire-fighting team respiratory plug-and flame-resistant clothing must wear protective equipment

Extinguishing Media: Chemical foam, dry chemical, carbon dioxide or water.

Explosion Hazard: If the release of large quantities of the product when combined with the products of combustion from sources of ignition occurs.

Fire Fighting Instructions: Refer to the emergency personnel. The product is opted in large quantities, use self-contained breathing apparatus and full protective equipment.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill Procedures:

For the Protection of the environment: Do not breathe dust and Eliminate all ignition sources.

Purpose Personal Protection: Avoid breathing dust and wear protective goggles if splash hazard, gloves and other protective clothing to prevent skin contact (apron, boots, etc.) use.

SECTION 7 - HANDLING AND STORAGE

For Non-Household Settings: When using heat, sparks, flame and smoke, avoid excessive heat and sources of ignition.

Secure Storage Conditions:

Residential Settings for: heat, sparks, flame, or smoking avoid. Avoid excessive heat and ignition sources. Store away from oxidizing agents.

For Non-Household Settings: Store away from oxidisers. Well-ventilated, cool place, keep it. Store in accordance with local requirements

Other Precautions: None.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Outside: Use safety glasses if you have hazards like smoke in the air, gloves and other protective clothing to prevent skin contact (apron, boots, etc.) use. Always follow good hygienic working methods. Avoid prolonged contact with skin and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Color, Odor and Appearance: White, odorless, colorless

Melting Point: N / A

Physical State: Solid

Boiling Point : N / A

Ph : N / A

Solubility in Water: Insoluble.

Vapor Density : N / A

Specific gravity : 1.4

Auto-ignition temperature: 800 Degrees

Moisture Analysis 3.5

Ash content 6.9

3.6 volatiles

Fixed carbon 86

Sulfur / sulfur 0:08

7398 calories

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**VKM SÖNMEZLER**

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Total Moisture	%	***	***
Inherent Moisture	%	11,46	***
/ Ash	%	11,72	13,24
Volatile Matter	%	32,47	36,67
Gross Cal.Value	cal/gr	5519	6233
Net Cal.Value	cal/gr	***	6017
Total Sulphur	%	1,17	1,32
H Seyler	%	***	4,40
F.S.		***	***

SECTION 10 - STABILITY AND REACTIVITY

Conditions to avoid: Avoid excessive heat and ignition sources. Store away from oxidizing agents.

Hazardous polymerization: Will not occur.

Other suggestions: None.

SECTION 11 - TOXICOLOGICAL INFORMATION

Additional information on toxicological endpoints available upon request by the supplier.

Chronic effects: Chronic health effects are expected.

Target Organs: No adverse health effects on target organs expected for finished product.

Carcinogenicity: Finished product is not expected to be carcinogenic.

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NTP: No IARC: No OSHA: No

SECTION 12 - ECOLOGICAL INFORMATION

Product under normal use and accidental spill and the estimated concentrations are estimated to be safe for the environment. Packaging components are compatible with conventional solid waste management practices. Further information available on request by the supplier.

SECTION 13 - WASTE DISPOSAL

Disposal must always comply with EC directives, national or local.

Inside: The following instructions are for consumer use only. If the product is pressurized container must be disposed of by special waste collection method. A local waste handler should be contacted for additional information.

Outside: The waste when it is disposed of in the original form, the products covered by this MSDS, the Federal RCRA regulations (40 CFR 261), the combustion of hazardous waste, are D001. Disposal method with local, state and federal regulations should be appropriate.

SECTION 14 - TRANSPORT INFORMATION

Ground (DOT) finished packaged product transported by:

Non-hazardous.

Vessel (IMDG) finished packaged product transported by:

Non-hazardous.

Air (IATA) finished packaged product transported by:

Non-hazardous.

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SECTION 15 - ADDITIONAL REGULATORY INFORMATION

regulatory information

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- S 1/2** Keep out of reach of children
- S28** In case of contact with skin, rinse immediately with plenty of water
- S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 - OTHER INFORMATION

R Conventions

- R22** Harmful if swallowed.
- R 48/22** Causes serious health effects of prolonged exposure if swallowed.
- R41** Cause serious damage to the eyes.

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The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product terms of safety requirements and does not give any guarantee of the properties of the product.

The data given here only to the proper application of the product (s) used to apply. Sold as suitable for other applications - usage in such may cause risks not mentioned in this list. Other application (s) to use.